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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/328,657	06/09/1999	YURI BREITBART	BREITBART3-1	7109

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EXAMINER

NAJJAR, SALEH

ART UNIT	PAPER NUMBER
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2154

DATE MAILED: 06/05/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/328,657	BREITBART ET AL	
	Examiner	Art Unit	
	Saleh Najjar	2154	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 27 February 2002.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-36 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 10-34 is/are allowed.
- 6) ☒ Claim(s) 1,33 and 36 is/are rejected.
- 7) ☒ Claim(s) 2-9,34 and 35 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____ |
| 2) <input checked="" type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ | 6) <input type="checkbox"/> Other: _____ |

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1. This action is responsive to the amendment filed on February 27, 2002. Claims 1-2, 5-6, 10, 13-14 were amended. Claims 33-36 are newly added. Claims 1-36 are pending. Claims 1-36 represent method and apparatus for managing address translations for replicated files in a network .

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

3. Claims 1, 33, and 36 are rejected under 35 U.S.C. 102(e) as being anticipated by Osaku et al., U.S. Patent No. 6,061,738.

Osaku teaches the invention as claimed including a method and system for accessing information on a network using message aliasing functions having shadow call back functions (see abstract).

As to claim 1, Osaku teaches a method of communication between a client computer and a server computer connected to the client computer by a communications network, the method comprising the steps of:

(a) receiving, at the client, a user's selection of a hyperlink that is a logical point of access to a file, the logical point of access being associated with a logical reference in a parent file, the logical reference uniquely identifying the file independently of an electronic address at which the file is located (see figs. 1, 22-27; col. 5, lines 10-35; col. 20, lines 35-65; col. 23-24; Osaku teaches converting a logical reference to a physical address using a database of correspondence between logical and physical addresses, the database at the client represents the parent file since by definition, a database may be a single file containing many records);

(b) identifying an electronic address corresponding to the logical reference (see col.23, lines 5-15, Osaku teaches that the URL address represented by the serial number is identified and returned to client); and

(c) receiving, at the client, the file identified by the logical reference (see col. 5, lines 25-30; col. 24, lines 50-65).

As to claims 33, and 36, Osaku teaches a method of communicating between a client computer and a server computer connected to the client computer by a communications network, the method comprising the steps of:

a) detecting a user's selection of a parent file's hyperlink to a desired file (see figs. 1, 22-27; col. 5, lines 10-35; col. 20, lines 35-65; col. 23-24; Osaku teaches converting a logical reference to a physical address using a database of correspondence between logical and physical addresses, the database at the client represents the parent file since by definition, a database may be a single file containing many records); and b) if the hyperlink is associated with a logical reference of the parent file of the parent file that identifies the desired file independently of a URL, identifying an electronic address stored in the parent file that corresponds to the logical reference see col.23, lines 5-15, Osaku teaches that the URL address represented by the serial number is identified and returned to client).

4. Claims 2-9, 34-35 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

5. Claims 10-32 are allowed.

The following is an examiner's statement of reasons for allowance:

the prior art fails to teach or define singly or in combination the claimed limitations of associating several electronic addresses to a single logical address, and a server selection program included in a parent file as in claims 10-32.

6. Applicant's arguments filed February 27, 2002 have been fully considered but they are not persuasive.

In the remarks, the applicant argues in substance that the limitation of a parent file is not disclosed in the Osaku reference.

In response, the Osaku reference teaches a database containing correspondence between logical and physical addresses that can be located at the client or at the server and can be downloaded or installed at the client (see figs. 1, 22-27; col. 22-24). The database at the client represents the parent file since by definition, a database may be a single file containing many records.

Arguments directed to claims other than claim 1 are mute in view of the new grounds of rejection made in this action.

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- Dynamic server switching by Gehr et al., U.S. Patent No. 5,828,847.
- Client side load balancing by Ballard, U.S. Patent No. 6,078,960.
- Migrating URLs within a dynamically changing distributed cache of URLs by Smith et al., U.S. Patent No. 6,377,991.
- System for context dependent name resolution by Ebrahim, U.S. Patent no. 6,154,777.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Saleh Najjar whose telephone number is (703) 308-7613. The examiner can normally be reached on Monday-Friday from 6:30 to 3:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, AN MENG AI, can be reached on (703) 305-9678. The fax phone number for this Group is (703) 308-9052.

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-9600. The fax number for the After-Final correspondence/amendment is (703) 746-7238. The fax number for official correspondence/amendment is (703) 746-7239. The fax number for Non-official draft correspondence/amendment is (703) 746-7240.

A handwritten signature in black ink, appearing to read 'Saleh Najjar', written in a cursive style.

Saleh Najjar
Primary Examiner / Art Unit 2154